

IN THE DRAWINGS

Proposed changes to Fig. 5 are submitted herewith, with a Letter to the Official Draftsman.

REMARKS

Reconsideration and allowance of this application are respectfully requested in light of the above amendments and the following remarks.

The Applicants acknowledge with appreciation the indication in the Final Rejection that claims 26, 27, 30-33, and 36 are directed to allowable subject matter and would be allowed if placed in independent form. Allowable claims 26, 27, 32, and 36 have been rewritten in independent form to recite the features of their base and intervening claims. Claim 33 depends from claim 32. These claims are deemed to be in allowable condition.

Claims 28 and 29 have been placed in independent form and are deemed to be in allowable condition for the following reasons.

The Applicants note that the specific inventions of claims 28 and 29 have not been addressed in the final rejection. These claims are respectively directed to subject matter wherein "first and second signal constellation patterns defining the first and second modulation schemes are pre-stored in a memory table," and "the first and second signal constellation patterns are signaled to the receiver." More particularly, the final rejection does not discuss first and second signal constellation patterns

defining the first and second modulation schemes, nor does it discuss first and second signal constellation patterns that are signaled to the receiver.

Further, the Applicants respectfully submit that the above-noted subject matter of claims 28 and 29 is not disclosed or suggested by the applied art of record given that Riazzi merely discloses that a TDM2 signal 185 is generated using an analogous sequence of QPSK modulator 160 (col. 3, lines 58-59); the complex output from each equalizer 218 is demodulated by a QPSK demodulator 221 (col. 4, lines 37-39) and the output de-interleaved signal is DQPSK-demodulated by a DQPSK demodulator 251 (col. 4, lines 56-57).

Accordingly, it is submitted that the subject matter of claims 28 and 29 is also allowable over Riazzi. Claims 30 and 31 are considered allowable due to their dependence from allowable claim 29.

In light of the above, it is submitted that allowance of claims 26-33 and 36 is warranted.

A new Fig. 6 is submitted herewith to overcome the objection to the drawings. The specification has been amended to be consistent with the addition of Fig. 6. This new drawing and the description thereof added to the specification is supported at

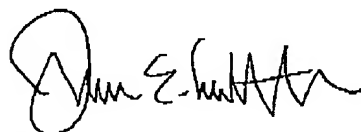
least by original claim 11. No new matter is believed to be introduced by the new drawing and the amendment of the specification.

Claims 22-25, 34, 35, and 37-40 have been canceled.

In view of the above, it is submitted that this application is in condition for allowance, and a notice to that effect is respectfully solicited.

If any issues remain which may best be resolved through a telephone communication, the Examiner is requested to telephone the undersigned at the local Washington, D.C. telephone number listed below.

Respectfully submitted,



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JEL/DWW/att

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